

APPENDIX 2B

Sample Training Requirements Inventory

The following sample is taken from the Surgical Technologist training program. The entire inventory is approximately 10 pages long.

**SURGICAL TECHNOLOGIST (HM-8483)
TRAINING REQUIREMENTS INVENTORY (TRI)
VALIDATED 7/94**

Learning Category (LCAT)	Learning Level (LLEV)	Performance Level (PLEV)	Priority (PRI)
C - Cognitive	K - Knows	G - Guided	ES - Essential
A - Affective	U - Understands	S - Standard	N - Needed
S - Soft Skill	A - Applies	A - Adaptive	EN - Enhancing
T - Task			I - Inappropriate

001 Understands the roles of various members of the surgical team.

LCAT: C LLEV:U PRI:ES

002 Performs preoperative preparation of the patient.

LCAT:T LLEV:A PLEV:A PRI:ES

003 Provides reassurance and support to surgical patients.

LCAT:S LLEV:U PLEV:S PRI:N

004 Utilizes safety precautions in transporting patients to the surgical suite.

LCAT:T LLEV:U PLEV:S PRI:N

005 Understands the concept of "surgical conscience" and rules of conduct for a surgical technologist.

LCAT:A LLEV:U PRI:ES

006 Understands legal and ethical standards as applied to surgery.

LCAT:A LLEV:U PRI:N

007 Understands the concept of surgical consent.

LCAT:C LLEV:K PRI:N

008 Understands surgical terminology.

LCAT:C LLEV:U PRI:N

009 Understands pathogenic organisms commonly encountered in the surgical suite and methods to control their transmission.

LCAT:C LLEV:U PRI:ES

HM-8483 TRI (July 1994)

CDG (Tech) - App 2B

010 Understands confinement/containment techniques used in the surgical setting.

LCAT:C LLEV:A PRI:ES

011 Understands the standards that prevent and control the spread of infection in the surgical suite.

LCAT:C LLEV:U PRI:ES

012 Applies infection control practices.

LCAT:T LLEV:A PLEV:A PRI:ES

013 Applies the principles of aseptic technique.

LCAT:T LLEV:A PLEV:A PRI:ES

014 Understands standards of personal hygiene.

LCAT:A LLEV:U PRI:N

015 Understands standards and requirements pertaining to surgical attire.

LCAT:C LLEV:U PRI:N

016 Understands types and properties of disinfecting agents.

LCAT:C LLEV:U PRI:ES

017 Integrates appropriate disinfection practices in the surgical suite.

LCAT:A LLEV:U PRI:ES

018 Identifies environmental and electrical hazards in the surgical setting and identifies safety measures for prevention of these hazards.

LCAT:A LLEV:U PRI:ES

019 Performs required equipment safety checks in the surgical suite and takes appropriate actions to correct discrepancies.

LCAT:T LLEV:U PLEV:S PRI:ES

020 Performs the duties of the scrub and circulating technicians in emergency situations (i.e. patient, environmental, equipment.)

LCAT:T LLEV:U PLEV:S PRI:ES

HM-8483 TRI (July 1994)

021 **Applies the principles of universal precautions in a surgical setting.**

LCAT:A LLEV:U PRI:ES

022 **Identifies characteristics and precautions related to HIV/AIDS and Hepatitis.**

LCAT:C LLEV:K PRI:N

023 **Prepares and operates selected operating room equipment.**

LCAT:T LLEV:U PLEV:S PRI:N

024 **Understands the use of lasers and the related safety precautions.**

LCAT:C LLEV:K PRI:N

025 **Understands the name, category, function, and parts of standard OR instruments.**

LCAT:C LLEV:U PRI:ES

026 **Understands the requirements for the care of basic surgical instruments.**

LCAT:C LLEV:U PRI:ES

027 **Understands the care and handling of surgical drills, endoscopic equipment and microsurgical instruments.**

LCAT:C LLEV:U PRI:ES

028 **Selects supplies used for a specified operative procedure.**

LCAT:T LLEV:U PLEV:G PRI:ES

029 **Performs terminal decontamination of supplies and basic instruments.**

LCAT:T LLEV:U PLEV:S PRI:ES

(Items 30 - 89 deleted from sample)

Continued on next page

CDG (Tech) - App 2B

HM-8483 TRI (July 1994)

Clinical Experiences

The following training experiences/clinical settings are ranked in order of their importance/desirability in providing the best experience to the Surgical Technologist students during their clinical rotation ("1" indicates the highest importance).

1. Central Supply Room/Central Processing Department
2. General Surgery
3. Orthopedic Surgery
4. Gynecological Surgery/Labor and Delivery
5. Thoracic Surgery
6. Peripheral Vascular Surgery
7. Neurosurgery
8. Plastic Surgery
9. Urological Surgery
10. EENT Surgery

DELETIONS TO SURGICAL TECHNOLOGIST TRI

Identify basic and specialty surgical equipment, instruments, supplies and their functions in the Orthopedic Clinic (Included in TRI 072)

Performs the duties of the scrub technician and circulator technician in the Orthopedic Clinic (Included in TRI 073)

Identify basic and specialty surgical equipment, instruments, supplies and their functions in the General Surgery Clinic (Included in TRI 068)

Performs the duties of the scrub technician and circulator technician in the General Surgery Clinic (Included in TRI 069)

Selects sterile surgical attire (Included in TRI 051)

ADDITIONS TO SURGICAL TECHNOLOGIST TRI

Performs terminal decontamination of surgical drills, endoscopic equipment and microsurgical instruments

Assists with preparation and application of surgical dressing, casts and splints